

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# AGRICULTURAL LIBRARIES INFORMATION NOTES

## COMPUTER SYSTEM ON TEXTILE LITERATURE

by

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STI Service (Specialized Textile Information Service) is the computer-based information service facilities based on the *World Textile Abstracts*. These *Abstracts* are produced through the cooperation of four British Institutions: British Launderers' Research Association, Hatra (hosiery and knitting research), and Wira (wool research). The Shirley Institute, providing 85% of the documentation for the base, is responsible for editing the references, production of the base, and operation of the various services.

STI Service focuses on the worldwide literature on science and technology relevant to textiles (such as polymer chemistry), textile economics and statistics, textile management, and textile technical news, conference and exhibition reports.

The current file totals about 70,000 citations and abstracts, with annual input averaging 8,000 entries.

Main coverage is from primary literature sources, such as journals, reports, conference proceedings, books, monographs, technical leaflets, directories, standards, and legislative documents. Some 40% of the base references journal articles. United Kingdom and U.S. patent literature is recorded on the basis of U.K. and U.S. Patent Office publications. Countries providing the main sources of input are the United Kingdom, the United States, Germany, France, Russia, Japan, and India.

Information for each entry includes the title of the document in English, language of the original document, author, author affiliation (if known), publication source, keywords, and an abstract averaging 50 to 100 words. Subject indexing is based on keywords selected from a specially developed list of 9,000 terms. This STI Service Keyword List can be purchased from the Shirley Institute. On the average, 10 terms are assigned per document. Where appropriate, a document is also indexed under a country or area name.

The entries found in STI Service are the same as those in the publication *World Textile Abstracts*, issued twice a month. Annually, author, patent and subject indexes are produced. Some of the items in the *World Textile Abstracts* that are judged of limited current awareness value, such as news or exhibition announcements, are not entered into the STI Service base. About 85% of the items covered by *World Textile Abstracts* since 1970 are available in the STI Service base.

The STI Service file is not currently being handled by the broker services: Lockheed, SDC, or BRS. This textile file is available through the Agricultural Research Service's Current Awareness Literature program, under Hilary Burton. Computer printouts from ARS are available to ARS employees for no charge or to other USDA employees for a fee.

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# STATUS REPORT ON MICROFILMING LAND-GRANT AGRICULTURAL PUBLICATIONS

by

Wallace C. Olsen  
Deputy Director Library Services  
National Agricultural Library

A massive archival filming program is slowly making its way around the United States. The National Agricultural Library has provided funds to work cooperatively with the land-grant and some cooperating forestry institutions of 23 states to film the agricultural, forestry, and closely allied publications published by these institutions. However, not all LGC and cooperating forestry publications have been filmed; priority is given to research publications.

The National Agricultural Library implemented the filming upon the recommendation of a users' and librarians' advisory group. The primary purposes then established and still in force are:

1. Provide an archival film record of agricultural and forestry activities at the land-grant and cooperating forestry institutions before some of the rapidly deteriorating paper becomes too fragile to handle.
2. Provide for the retirement of bulky sets of files for the older and much less used materials. With many libraries facing space shortages, this has proven valuable for the discarding of any state's old publications and the substitution of film.
3. Provide wider access to this material so requesters of documents and institutions wishing more complete serial runs could easily obtain them.

These purposes have been realized and the filming continues. If the present rate of expenditure holds and interest continues, the project for the entire U.S. should be accomplished within a decade.

The basic plan of operation has been for the land-grant or other institutions to share the cost of the filming; the state institutions assume responsibility

for preparing the files and work with a regional coordinator whose institution is responsible for contracting for the five or more cooperating states. Basic archival standards have been used with slight variations. Filming has been accomplished in all but one state by a commercial firm which has expertise in national and international marketing of serial microform sets. One microform corporation has succeeded in winning most of the contracts but this is not a set pattern.

The following states' agricultural land-grant publications are available from Graphic Microfilm, Inc., P.O. Box 489, Randolph, Massachusetts 02368:

Alabama  
Connecticut (including the New  
Haven Station)

Florida  
Georgia  
Kentucky  
Maine  
Massachusetts  
Mississippi  
New Hampshire  
North Carolina  
Rhode Island  
South Carolina  
Tennessee  
Vermont  
Virginia

All film is available on 35mm or 16mm; in cartridge or cassette; for complete sets of a state the costs are between \$12 and \$15 a reel; for individual reels of specific titles \$2 to \$3 higher. The New England states' constitute 72 reels. Information on pricing, minimum order size, and variant other details should be solicited from the filmer.

California land-grant agricultural publications were filmed cooperatively by the three University of California campuses in conjunction with NAL. That film is available in 35mm and 16mm from: Western Microfilming, 543 Howard St., San Francisco, California 94015. Since this film has just become available prices are not yet set. Please contact the firm. A variation on the pattern exists in Utah where the filming was entirely on microfiche through a cooperative arrangement with Utah State University, NAL, and the Utah State Archives. Contact Utah State Archives, State Capitol Bldg., Salt Lake City, 84114. Approximately 2,100 microfiche cover the collection which is available at 40¢ per fiche with variant pricing

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on serial titles or pieces. Firm figures should be obtained from the Archives. The Utah material is not available on 16mm or 35mm.

The three firms which hold the master records have also indicated their willingness to supply hardcopy blowbacks from the film; customers with extensive work to be done may be referred to them for firm price quotes.

At this writing, the call for bids for a six state region in the Southwest are being evaluated. When this filming is completed in nine months, Arizona, Louisiana, Nevada, New Mexico, Oklahoma, and Texas will be added to this expanded coverage.

These records have continuing value to the historian as well as the agriculturalist, but often with a different point of view than originally intended. The staff of the Ralph Brown Draughon Library of Auburn University in its *Auburn Library Topics* (May-June 1977 issue) has drawn these observations:

“From the handful of examples selected in a brief survey, *Topics* draws the conclusion that these papers are not only the result of hundreds of man years of work by specialists in all aspects of rural life but, indirectly, a chronicle of the struggle of Alabama farm families to survive, and if possible, to improve their lives. The papers faithfully identify the adversaries which were capable of dashing their hopes, not only such ordinary destroyers as late frost and early freezes and foreclosing bankers, but myriads of fell creatures who brought about such conditions as sooty blotch, scab, root gall, gummosis, Texas tick fever, red rot, sore head, wilt, canker, bitter rot, root knot, black spot, soft rot, mange.”

## AGRICOLA



As part of a continuing effort to improve the quality of our citation data base, NAL has begun distributing bibliographic citation corrections to the commercial vendors who provide on-line access to AGRICOLA. Primary emphasis is being placed on corrections which might affect accurate search and retrieval of citations, including changes to call numbers, main entries, words in titles, subject headings, preceding or succeeding entries to serial titles, as well as duplication of cataloging entries.

If errors of the type described above are discovered in the data base, please bring them to the attention of the Chief, Analysis Division, National Agricultural Library, Beltsville, Maryland 20705.

Please note that publications from certain sources are intentionally entered twice (e.g., USDA and State Experiment Station) because of NAL's decision to produce various products from the same data base, and concomitant limitations of the system to eliminate duplication. ☹️

(Continued from page 7)

ZALIVKO, B. M. Yield of Halfproducts by Individual Breaking Down of Lumber. Translated from Russian. *Lesnoj Zhurnal* 3. 1971. pp. 69-73. TRANS. NO. 22384.

JOB OPENING . . . Michigan State University Library is seeking applications for a veterinary medicine librarian with responsibility for a Vet. Clinical Bibl. Center. Requires graduate L.S. degree, 3 years prof. experience, and academic background in biological science library. \$13,000 but negotiable with different experiences;

Faculty status. Send vitae with 3 refs. to Mladen Kabalin, Science Library, East Lansing 48824. (517) 353-6676.

## NEWS FROM THE FIELD



### CENTRAL REGION

*Reported by John Beecher, Librarian  
Agricultural Library, University of Illinois  
Urbana, Illinois*

Four midwestern state universities in 1964 created the Midwest Universities Consortium for International Activities, Inc., (MUCIA), a new kind of structure designed to strengthen their capacity for development assistance abroad and to build their programs of international and area studies at home. Substantial support came from the Ford Foundation. The University of Illinois, University of Indiana, Michigan State, and University of Wisconsin formed the original Consortium. Today the consortium consists of 7 midwestern institutions: Ohio State University; University of Minnesota; Michigan State University; University of Wisconsin; Indiana University; University of Iowa; and the University of Illinois.

The MUCIA experience has demonstrated that universities, and particularly U.S. universities working together, can effectively apply their resources and knowledge to various problems of developing nations. MUCIA has established mechanisms for genuine cooperation in research and for the intergration of campus programs with overseas activities. At the time MUCIA was established, American universities frequently worked with counterpart institutions abroad in a "donor-receipient" relationship. In recent years, MUCIA has advocated that partnership and cooperation replace tutelage in the relationship of U.S. universities with institutions in developing countries. Such partnerships assume that knowledge exists on both sides and that it needs to move in both directions. These are the ideals which guide MUCIA's programming in the belief that such actions will produce the most enduring and the most beneficial results for all concerned.

MUCIA has defined seven priority areas which are particularly significant for the problems of global development: health care delivery; food, nutrition and agricultural production; energy and its development; problems in appropriate technology; human resource development; new perspectives in rural development; and institution building. MUCIA projects have been either completed or are currently funded or proposed in the

following countries: Arabia, Ethiopia, Indonesia, Jamaica, Nepal, Nigeria, Saudi, Somalia, Spain, Thailand.

The thrust of MUCIA's programs has been to draw upon resources already available on the campuses of one or more of the U.S. member institutions. These universities represent a great variety of research facilities and library resources among the finest and most extensive in the world. Primary research is also supported through numerous agricultural experiment stations, research laboratories, and computer facilities housed on the individual campuses. The diversity and size of the member universities has given MUCIA the flexibility and capability the founders had hoped.

There is no doubt that the consortium has been a success. The international programs of the U.S. member universities have been strengthened on the home campuses through new courses, new research and publications, visiting scholars and other activities; and MUCIA has proven to be an effective mechanism for providing technical assistance abroad. In recognition of this success, other U.S. universities and agencies involved with international development have begun to encourage the formation of new consortia.

### BIOLOGICAL MONITORING INVENTORY

*National Inventory of Selected Biological Monitoring Programs* Department of Energy Division of Biomedical and Environmental Research. The first detailed compilation of U.S. biological monitoring projects has been prepared by environmental scientists at DOE's Oak Ridge (Tenn.) National Laboratory. In biological monitoring, scientists evaluate the effects of energy operations on living organisms.

The Inventory represents the first effort to *identify and classify biological monitoring projects* according to the type of monitoring being done, location and procedures, sponsorship and purpose.

Sponsors of the Inventory project are DOE, the President's Council on Environmental Quality, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service. Over 1,000 projects are included in the 706-page inventory, which will be updated periodically. Copies are available from the National Technical Information Service, Springfield, Virginia, at \$15.25 per printed copy and \$3 for microfiche.




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The only U.S. outlet at this time for purchasing computer searches without user restrictions is the North Carolina Science and Technology Research Center. From this Center retrospective searches from 1970 to date can be purchased for \$70 per search. The resulting computer printout would include the citation and the abstract, as it appears in *World Textile Abstracts*. Current awareness searches, received by the user on a monthly basis, can be purchased from the Center for \$150 per year.

References listed on the computer printout would be obtained from normal library channels. Additionally, xerox copies of most of the articles can be purchased from the Shirley Institute, for 12p per page with a minimum charge of £1 per single, total photocopy transaction.

Additional textile files accessible through the North Carolina Science and Technology Research Center are the Textile Technology File from the Institute of Textile Technology in Charlottesville, VA, dating from 1966; and the Massachusetts Institute of Technology Textile Information System.

To purchase computer searches from STI Service, you may contact Mr. A. W. Lockwood, North Carolina Science and Technology Research Center, P.O. Box 12235, Research Triangle Park, North Carolina 27709, phone (919) 549-0671. 

## NEW SERIALS RECEIVED AT NAL



*Biological Memoirs*. Lucknow, India, International Publishers. v. 1, nos. 1/2, 1976— QH301.B59.

*Beefmaster*. San Antonio, Texas, Archway Publications. v. 1, no. 1, January 1977— SF199.B6B4.

*Cell Biology International Reports*. London, Academic Press for the International Federation for Cell Biology. v. 1, no. 1, January 1977— QH573.C35.

*Eastern Business Magazine*. Stockholm, Eastern Business Magazine. 1977— HF1410.E3.

*Entomon*. Trivandrum, India, Assoc. for Advancement of Entomology, Dept. of Zoology, University of Kerala. v. 1, no. 1, June 1976— QL461.E6.

*Immunochemistry of Proteins*. New York; London. Plenum Press. v. 1, 1977— QP551.I4

Department  
of Energy

Information



Office of Public Affairs  
Washington, D.C. 20461

## Weekly Announcements

You might find these weekly information sheets which run from 5 to 10 pages of interest. Contract awards, decisions, grants made, and general information about the Federal activities in energy are included. Of particular interest to the agricultural sciences is the R & D investment being made in rural, farming, and food processing areas. Free from the Office of Public Affairs.



## ENERGY GRANTS

Forty states and the U.S. Territories not already participating in the federally funded Energy Extension Service (EES) have been invited to apply for grants totaling \$30,000 each to enable them to prepare for later full involvement in the program. A program announcement was issued October 14, 1977.

The purpose of the EES is to disseminate information and advice to individuals and small businesses, as well as local governments, encouraging them to adopt energy conservation measures and, where possible, to use energy from renewable sources. The EES was established by the National Energy Extension Service Act of 1977 (P. L. 95-39, Title V).

The first grants under the Act were awarded in September 1977 to ten States, allowing them to set up pilot EES programs to offer practical energy conservation information and services to small energy consumers.

The present Program Announcement is designed to help the other States monitor the pilot program in order to benefit from the experiences of the pilot States in planning for participation in a nationwide EES. The enabling legislation calls for guidelines for the national EES to be issued on October 1, 1978.

Copies of the Program Announcement may be obtained from: Energy Extension Service, Department of Energy, Washington, D.C. 20545 (Attention: Ronald M. Bowes).

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EIC — Environment Information Center, Inc. is pleased to announce the opening of its Washington, D.C. office and the appointments

of Jane Lawton, Director of Washington Liaison Office, and Sharon Schatz, Director of Professional Services. Ms. Lawton, former assistant to House Speaker Carl Albert, will coordinate the specialized research needs of government and industry in the Washington, D.C. area. Ms. Schatz, former Director of the Environmental Protection Agency's Headquarters Library, will service the needs of librarians and information professionals in the D.C. area and throughout the country.

Environment Information Center, Inc.  
292 Madison Avenue  
New York, N.Y. 10017  
212/949-9494

and

53 D Street, SE (Capitol Hill)  
Washington, D.C. 20003  
202/547-0110



## CUMULATIVE INDEX TO AGRINDEX 1975-1977

The cumulative index to Volumes I, II and III of *AGRINDEX*, covering some 230,000 references, is now planned for publication and printed copies will be available early in 1978.

The Index will be in two parts: (a) personal author index, and (b) subject category/commodity index. The basic arrangement of the latter will follow that of the main body of the current monthly *AGRINDEX*: each entry will contain the English title, the language code, the original language title when applicable, and the reference number (RN). No cross references will be used, but an entry will be repeated under the appropriate headings when the record contains secondary subject categories and/or multiple commodities.

It is estimated that the cumulative index will contain some 4,000 pages. It will be distributed to *AGRIS* input centres and liaison offices according to the distribution policy adopted for the monthly *AGRINDEX*.

Announced in November 1977 issue of  
*Agricultural Information & Documentation Systems*.  
Published by F.A.O.





These items are available to USDA personnel upon a presentation of a loan request (AD-245) with the identification: TRANSLATION NO. . . . in the call number block. Non-USDA persons may request photoduplication at the rate of \$1 for each 10 pages or fraction thereof per citation. TRANSLATION NO. . . . MUST be on the request. Both types of requests should be sent to:

Lending Division  
National Agricultural Library  
U.S. Department of Agriculture  
Beltsville, Maryland 20705

BOTIJA, S. C., ORDAS, A. and GONZALEZ, J. G.  
Indirect Immuno-Fluorescence Applied to Research of Anti-bodies in African Swine Fever. Its diagnostic value. Translated from Italian. *Zooprofilassi*, 26(3/4). 1971. 111-128. TRANS. NO. 21907.

BRAEMER, P. La culture des Azolla au Tonkin. (The cultivation of Azolla in Tonkin). Translated from French. *Revue de botanique appliquee et d'agriculture coloniale*, 7: 815-819. 1927. TRANS. NO. 22391.

BRAEMER, P. Les engrais verts dans la riziculture Tonkinese. (Green manures in Tonkinese rice cultivation). Translated from French. *Riz et Riziculture*, 2(5): 335-341. 1927. TRANS. NO. 22388.

CHAMPAGNAT, A. Proteins from hydrocarbons. Translated from French. *Zeitschrift fuer Ernahrungswissenschaft*, 14(2): 125-132. 1975. TRANS. NO. 22382.

CHEVALIER, A. La Culture des Azolla pour la Nourriture des Animaux de Basse-cour et comme Engrais Vert pour les Rizieres. (The Cultivation of Rice Fields). Translated from French. *Revue de botanique Appliquee et d'Agriculture Coloniale*, 6: 356-360. 1926. TRANS. NO. 22389.

CHEVRIER, L. and DHENNIN, L. Hematological aspects of vaccination against FMD. Translated from French. *14th Conference Ofc. Int. Epiz. Comm. Paris, Rept.*, 204-1-11. 1975. TRANS. NO. 22380.

CONCELLON MARTINEZ, A. African swine fever and classical methods of diagnosis and fight against the same. Translated from Spanish. *Editorial ad Aedos (Barcelona) Temas Agropecuarios Aedos*, 9-108. 1965. TRANS. NO. 22381.

DOMENICHINI, G. and FORTI, D. Research on packaging materials resistant to the attacks of insects. Translated from Italian. *First Symposium on Control of Parasites in the Food Industry and Food Protection, Piacenza, Italy*, 306-317. 1972. TRANS. NO. 22383.

HUBERT, POLE & PAUL LUTZ. Concerning the possibility of measuring the density of particle boards perpendicular to the plane of the board with the help of x-rays. Translated from German. *Holztechnologie*, 10(2): 75-79. 1969. TRANS. NO. 22385.

KARAMYSHEV, V. P. Azolla as fertilizer (Azolla-udobreniye). Translated from Russian. *Nauka Pered. Opyt. Sel'som Khoz.*, 1(10): 75-77, 1957. TRANS. NO. 22392.

LABECKA, W., KOBUSIEWICZ, T., SZKILNIK, S., WISNIEWSKI, J., BARANOWSKI, C. The immunological value of FMD vaccine for pigs according to Frenkel's method. Translated from Polish. *Medycyna Weterynaryjna*, 29(6): 347-9. 1973. TRANS. NO. 22267.

NGUYEN-CONG-TIEU and NGUYEN-CONG-HUAN. Conservation de l'Azolla en Saison Chaude (Conservation of Azolla in the Warm Season). Translated from French. *Bulletin Economique de l'Indo-China*, 37: 1318-1329. 1934. TRANS. NO. 22390.

PAK, T. P. Division of Tadzhik SSR into Landscape-Endemic Regions with Crimean Hemorrhagic Fever. Translated from Russian. *Temisy Dokl. 9. Vses. Konf. Prirod. Ochag. Bolez. Chelov. Zhivot. Omsk, May 1976*. p. 129. TRANS. NO. 22000.

SIDOROVA, G. A., L'VOV, D. K., GROMASHEVSKY, V. L. & ANDREEV, V. P. Landscape Association of Some Virus Foci in Central Asia. Translated from Russian. *Mater. 9 Simp. Ekol. Virus*. (Dushanbe, October 1975). pp. 50-51. TRANS. NO. 21998.

(Continued on page 3, col. 2)



*Agricultural Libraries Information Notes Index.*  
Volumes 1-2, January 1975 - December 1976.  
36 p. Free.

*National Agricultural Library Annual Report 1976.*  
Beltsville, October 1977. 21 p. Free.

*An Evaluation of the Regional Document Delivery Service of the National Agricultural Library, U.S. Department of Agriculture.* Thomas W. Caless, Riverdale, MD., Systems and Applied Sciences Corporation, 1977, various p. Free.

For any of the above three publications send a self-addressed mailing label to:

Reference Division, Room 300  
National Agricultural Library  
Beltsville, MD 20705

*Potential of the World's Forages for Ruminant Animal Production: Winrock Report.* Petit Jean Mountain, Morrilton, Arkansas, Winrock International Livestock Research and Training Center, September 1977. 91 p. Free. Apply to Publisher.

*Proceedings of National Workshop on Coordination of Marketing Research.* Sponsored by Experiment Station Committee on Organization and Policy, May 9-11, 1977. National 4-H Center, Washington, D.C. Free. Copies available from Lloyd Halvorson, CSRS/USDA, Room 430 W, Adm. Bldg., Washington, D.C. 20250.

*Roadless Area Review and Evaluation (RARE II) Inventory List.* U.S. Department of Agriculture, Forest Service (1977) 40 p. Available from Congressional and Public Affairs, Office of the Secretary, U.S. Department of Agriculture, Washington, D.C. 20250. Free.

The Forest Service has announced an initial inventory list of some 1,920 areas throughout the United States which have been identified as roadless and undeveloped and thus eligible for consideration for designation as wilderness

areas. This list will now be evaluated to see if the wilderness, social and economic values recommend that they be proposed as wilderness areas or that they be used for non-wilderness purposes. A draft environmental statement will be issued in late spring 1978 and a final statement later next year, which will include decisions on which areas should be proposed to Congress for wilderness designation and which areas should not.

*The Role of Sheep and Goats in Agricultural Development.* Proceedings of a workshop co-sponsored by Winrock International Livestock Center and the U.S. Agency for International Development, November 15-17, 1976. Free. Available from the Winrock Center, Morrilton, Arkansas 72110.

*Ruminant Products: More Than Meat and Milk: Winrock Report.* Petit Jean Mountain, Morrilton, Arkansas, Winrock International Livestock Research and Training Center, September, 1977. 28 p. Free. Apply to Publisher.

*Striga.* M.M. Hosmani. 150 p. Rs. 15. Order from author, Dept. of Agronomy, University of Agricultural Sciences, P.O. Bag 2477, Hebbal, Bangalore 560024, India.

*Symposium on the Different Methods of Weed Control and Their Integration, 1977. Proceedings.* The European Weed Research Society. Vol. 1, 35 SFr. Order from EWRS Secretariat, P.O. Box 14, Wageningen, Netherlands.







*An Annotated Bibliography of Weed Ecology.* B. H. Zandstra, P. S. Motooka, R. K. Nishimoto, L. E. Bendixen. Sept. 1977. 24 p; Free. Available from Resource Materials Collection, East-West Resource Systems Institute, Dept. PA, East-West Center, Honolulu, HI 96848.

*Bibliography of the Published Contributions on the Alapaha Experimental Range.* Emory Cheek. Sept. 1977. 7 p. (University of Georgia Libraries Bibliographies Series, No. 11). Available from the University of Georgia Libraries, Athens, Georgia 30602. Free.

*Bibliography of the Published Material on Peanut Hulls (Shells).* Emory Cheek. Oct. 1977. 14 p. (University of Georgia Libraries Bibliographies Series, No. 12). Available from University of Georgia Libraries, Athens, Georgia 30602. Free.

*The Eleusines: A Review of the World Literature.* Kenneth O. Rachie and LeRoy V. Peters, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India. 1977. Especially useful for scientists working on third-world cereals, since these crops are virtually unknown outside Africa and Asia.

*Nematology Literature List, 1975-76.* Virginia Harrington. Oct. 1977. 109 p. (ARS-NE-8-3). Free. Available from Agricultural Research Center West, Beltsville, MD 20705.

*Open Space Lands Preservation Techniques: A Literature Review of Innovative Methods, an Update.* James H. Pennabecker. Nov. 1977. 12 p. (Exchange Bibliography 1393). \$1.50. Order from: Council of Planning Librarians, P.O. Box 229, Monticello, ILL 61856.

*A Selected Bibliography: Remote Sensing Applications in Agriculture.* William C. Draeger and David T. McClelland. Sioux Falls, S.D., U.S. Geological Survey, 1977. 32 p. (NTIS No. PB264531-AS). Technicolor Graphic Services, Inc., Sponsored by the U.S. Geological Survey, contract number 14-08-0001-16439. Price available.

*Turfgrass Bibliography from 1672 to 1972.* James B. Beard, Harriet J. Beard and David P. Martin. [East Lansing] Michigan State University. 1977. 730 p. \$19.95.

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Clearance has been granted to compile the following bibliography:

*Bibliography on Land Information Systems.* To be compiled by D. David Moyer, Economic Research Service, USDA, University of Wisconsin, Madison, Department of Agriculture Economics.

#### QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among NAL clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for four months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Division  
National Agricultural Library  
Beltsville, MD. 20705

NAL -- BIBL. -- 77-18. *Environmental Instructional Materials for Schools*, 1968-1976. 77 citations from ERIC, English only. Search by William Murphy.

NAL -- BIBL. -- 77-19. *Agricultural Aviation and Spray Dynamics*, 1968 - January 1977. 249 citations from AGRICOLA, no exclusions. Search by Charles N. Bebee.

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NAL -- BIBL. -- 77-20. *Part-time Farming and Off-Farm Employment, 1968-1976.* 112 citations from AGRICOLA, English only. Search by Charles N. Bebee.

NAL -- BIBL. -- 77-21. *Urban Forestry.* 116 citations from AGRICOLA, ERIC, MEDLINE, NTIS, English only. Search by Charles N. Bebee.

NAL -- BIBL. -- 77-22. *Protein Extenders.* 187 citations from AGRICOLA, English only. Search by Charles N. Bebee.

NAL -- BIBL. -- 77-23. *Protecting Your Food: Sanitation for Consumers.* 87 citations from AGRICOLA, English only. Search by Charles N. Bebee.

NAL -- BIBL. -- 77-24. *Recent Family Cooking Publications From State Extension Services, 1968-76.* 46 citations from AGRICOLA. Spanish and English titles. Search by William H. Longenecker.

NAL -- BIBL. -- 77-25. *Dairy Industry of the U.S. and Canada, July 1968-April 1977.* 175 citations from AGRICOLA. English only. Search by Charles N. Bebee.

NAL -- BIBL. -- 77-26. *Herb Gardening, 1958-1977.* 81 citations from CAIN. English only. Search by Jayne MacLean.



## AGRICULTURE DATEBOOK



1978

*February 5-8: SOUTHERN ASSOCIATION OF AGRICULTURAL SCIENTISTS ANNUAL MEETING.* Shamrock-Hilton and Holiday Inn, Houston, Texas. For information, contact: Laurence Walker, 301 Parkway Drive, Athens, Georgia 30606. (404) 543-2152.

*February 23-24: MICROGRAPHICS FOR LIBRARIES,* Washington, D.C. Spons., Dataflow Systems, Inc. and U.S. Civil Service Comm. Open to gov. employees. Regional Civil Service Offices or Dataflow Systems, Inc., 7758 Wisconsin Ave., Bethesda, MD 20014 (301) 654-9133.

*February 24-March 3: THE LIBRARIAN AS MANAGER,* Emporia State U./SLS, Emporia, Kans. \$75 stipend; 1 hr. cr. optional. 2 yrs. adminis. experience and worthwhile actual mgmt. problem required. ESU/SLS, 1200 Commercial, Emporia 66801.

*February 26-March 3: Effective Use of OCLC,* Kent State U. Ls., Kent, Ohio. A. M. Allison, KSU Ls., Kent 44242 (216) 672-3021.

*March 8-9: National Federation of Abstracting & Indexing Services,* University Holiday Inn, Philadelphia. T.C. Bearman, NFAIS, 3401 Market St., Philadelphia 19104 (215) 349-8495.

*March 23-25: RURAL HOUSING CONFERENCE AND WORKSHOP.* Hyatt Regency Hotel, Knoxville, Tennessee. For information, contact: Al Henderson, TVA, Muscle Shoals, Alabama 35660. (205) 383-4631, Ext. 393. (Date and place of meeting tentative.)

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*April 5-7: 31ST NATIONAL CONFERENCE ON RURAL HEALTH.* Denver, Colorado. For information, contact: Department of Rural Health, American Medical Association, 535 Dearborn Street, Chicago, Illinois 60610. (312) 751-6000.

*April 14-19: 3RD DETROP '78. INTERNATIONAL FAIR OF FOOD - BEVERAGES EQUIPMENT.* Thessaloniki, Greece. For information contact: Costas Skyfalidis, Thessaloniki International Fair, Thessaloniki, Greece. Telex: 291, Cables: FOIRINT, Thessaloniki, telephone 22 23 66.

*April 17-18: NATIONAL INFORMATION CONFERENCE AND EXPOSITION (NICE II).* Washington, D.C., Sheraton Park Hotel. Contact: IIA, Suite 904, Bethesda, MD 20014. (301) 654-4150.

*April 27-28: INSTITUTE ON FEDERAL DOCUMENT AND INFORMATION ACCESSIBILITY.* American University, Washington, D.C. For further information contact: Lowell Hattery, College of Public Affairs, The American University, Washington, D.C. 20016 (202) 686-2513.

*July 24-27: INTERNATIONAL SYMPOSIUM ON URBAN STORM WATER MANAGEMENT.* Contact: Dr. C. T. Hoan, Agricultural Engineering Department, University of Kentucky, Lexington, Kentucky 40506 (606) 258-2986.

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